



# Louisville Metro Air Pollution Control District

## Permit Application and Renewal Form AP-100J

### Compliance Monitoring

Deliver application to:  
850 Barret Avenue  
Louisville, KY 40204

(502) 574-6000  
FAX: (502) 574-5137  
[www.louisvilleky.gov/apcd](http://www.louisvilleky.gov/apcd)  
[airpermits@louisvilleky.gov](mailto:airpermits@louisvilleky.gov)

Plant Name:

Plant ID:

Emission Process/Point Name:

Emission Process/Point:

Date of submission:

### Monitoring Definition

List the operational parameters that are monitored and the frequency of monitoring

Parameter	Frequency	Method of measurement	Method of recording

Describe any monitors in use, including manufacturer, model #, frequency of calibration, and location

Monitor Identification	Manufacturer	Model	Calibration Frequency	Location	Other Info

Are any of these Continuous Emission monitors? ☐ Yes ☐ No

Pollutants monitored (check all that apply):

<input type="checkbox"/> Particulates (PM)	<input type="checkbox"/> Metals (specify:)
<input type="checkbox"/> Volatiles (VOC)	<input type="checkbox"/> HAP/TAC (specify:)
<input type="checkbox"/> Nitrogen oxides (NO <sub>x</sub> )	<input type="checkbox"/> Sulfur dioxide (SO <sub>2</sub> )
<input type="checkbox"/> Other:	

Attach manufacturer's specification sheets, or complete the following:

Will multiple emission processes be monitored at the same location? ☐ Yes ☐ No

Which emission processes are monitored?

Will more than one emission process be emitting from the combined stack at any time? ☐ Yes ☐ No

Which emission processes emit simultaneously?

## Monitoring and Alarm Information

Describe the System Alarm(s):

If there are more than three alarms, attach additional copies of this page as needed.

Operating Parameter Monitored	Describe Alarm Trigger	Monitoring Device or Alarm Type	Does the Alarm Initiate an Automated Response?
		<input type="checkbox"/> Visual <input type="checkbox"/> Auditory <input type="checkbox"/> Automatic (Remote Monitoring) <input type="checkbox"/> Other	<input type="checkbox"/> YES <input type="checkbox"/> NO Describe:
		<input type="checkbox"/> Visual <input type="checkbox"/> Auditory <input type="checkbox"/> Automatic (Remote Monitoring) <input type="checkbox"/> Other	<input type="checkbox"/> YES <input type="checkbox"/> NO Describe:
		<input type="checkbox"/> Visual <input type="checkbox"/> Auditory <input type="checkbox"/> Automatic (Remote Monitoring) <input type="checkbox"/> Other	<input type="checkbox"/> YES <input type="checkbox"/> NO Describe:

## Emission Tests

List any emission measurement tests (stack tests) that have been performed in the past and attach a copy of the test reports:

Test Purpose:	Test date:
Test Purpose:	Test date:
Test Purpose:	Test date:
Test Purpose:	Test date:

## **Instructions for Compliance Monitoring Form 9440-J**

**Plant Name** Enter the plant name as it appears in Form AP-100A.

**Plant ID** This is the EIS code number assigned to the source by the District. If this application is for a new source for which an ID has not been assigned, this space may be left blank.

**Emission Process/Point Name** Enter the emission unit name exactly as it appears in Form AP-100B.

**Emission Process/Point** Enter the unique ID number assigned to this emission unit as indicated in Form AP-100B.

### **Operational Parameters**

**Parameter** List the operational characteristic that is measured. For example: fuel use, opacity, chamber temperature.

**Frequency** Indicate how often the parameter measurements are made. For example: hourly, daily, or continuous.

**Method** Describe how the measurement is made. For example: flow meter, CEMS, visual.

**Recording** Describe how the monitored data is recorded. For example: log sheet, strip chart recorded, data logger.

### **Monitor Description**

**Identification** Enter a description of the monitor, clearly indicating the appropriate parameter measurement from above.

**Manufacturer** List the manufacturer of the monitoring equipment.

**Model** List the model number of the monitoring equipment.

**Cal Frequency** List the scheduled frequency at which the calibration of the monitoring equipment is verified.

**Location** Describe where the equipment is located. For example: coal silo, stack exit, combustion chamber.

**Other Info** Enter any other information necessary to describe the monitoring equipment and its operation.

### **Continuous Emission Monitors**

Indicate whether any of the compliance monitoring devices are for continuous monitoring of actual pollutant emissions.

**Pollutants Monitored** Check all of the pollutants that are monitored by these continuous monitoring devices.

**Multiple Emission Points** If more than one emission point is monitored from a single location (*i.e.* with a single monitoring device) list all points that are monitored.

If multiple emission points exhaust through a single stack simultaneously, list all emitting points.

### **Monitoring and Alarm Information**

Give a brief description of the overall alarm system.

**Operating Parameters Monitored**

List the parameter that is being monitored for an out-of-spec condition.

**Alarm Trigger** List any conditions that would cause the alarm to be activated.

**Alarm Type** Check the box that represents the action that takes place when the alarm is triggered.

**Automated Response** Check the appropriate box to indicate whether there is an automated response (other than the alarm) to alarm conditions, and describe that response.

**Stack Tests**

**Purpose** Describe the specific reason the test was performed. That is, *quantify SO<sub>2</sub> emission rate*, NOT *required by regulation*. Be sure to list all parameters that were tested. A copy of the test report from the testing company must be included with this application.

**Date** List the date that the test was conducted.